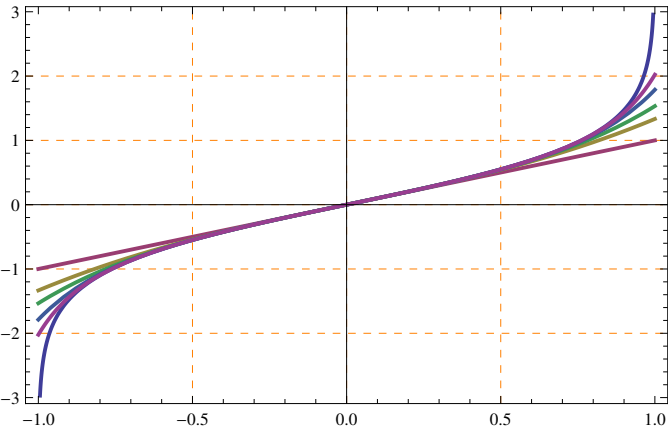


Approximations for $\tanh^{-1}(x)$



- $\tanh^{-1}(x)$
 x
 $x + \frac{x^3}{3}$
 $x + \frac{x^3}{3} + \frac{x^5}{5}$
 $x + \frac{x^3}{3} + \frac{x^5}{5} + \frac{x^7}{7} + \frac{x^9}{9}$
 $x + \frac{x^3}{3} + \frac{x^5}{5} + \frac{x^7}{7} + \frac{x^9}{9} + \frac{x^{11}}{11} + \frac{x^{13}}{13} + \frac{x^{15}}{15}$